In the claims:

All of the claims standing for examination are reproduced below with indication of amendment status.

1. (Currently amended) A software instance operating on a computer platform including a model framework for ~~generating~~ specifying purpose-specific batch programs comprising:

an extensible code library;

an abstraction representing a batch program;

an abstraction representing a batch function of the program;

an abstraction representing operation of the function;

an abstraction representing a data provider to the function; and

an abstraction representing a context class of the function;

characterized in that an instantiation process of the ~~model~~ models is initiated with appropriate input data parameters input to each abstraction generating appropriate instances of batch functions ~~including~~ and function operations wherein the generated instances are executable as part of a run sequence of the purpose-specific batch program.

2. (Previously presented) The model framework of claim 1 wherein modeling language is unified modeling language.

3. (Original) The model framework of claim 1 wherein instantiation creates user-instance functions that are operationally linked and together define a user-instance of batch program.

4. (Previously presented) The model framework of claim 3 wherein code required to generate the user instance functions defining the program is automatically generated

by the model as a result of data input and subsequent instantiation.

5. (Original) The model framework of claim 1 wherein the data provider obtains its data from a database by query.

6. (Original) The model framework of claim 1 wherein one batch function indicates if memory management should be provided.

7. (Original) The model framework of claim 1 wherein the class encapsulates restart information and information passed between different operations.

8. (Currently amended) A method for developing an executable batch program through model instantiation comprising steps of:

     (a) providing ~~an executable~~ a model abstraction including program, function, class, data provider, and operation objects;

     (b) inputting data into the model abstraction, the input data defining a user instance class of batch program;

     (c) instantiating the model abstraction;

     (d) generating code within the model abstraction, the code defining user instances of batch functions including operations and execution orders; and

     (e) compiling the generated code to build the user instance batch program.

9. (Previously presented) The method of claim 8 wherein the model comprises a meta model framework.

10. (Original) The method of claim 8 wherein in step (a) the code is UML language.

11. (Original) The method of claim 8 wherein in steps (d) and (e) are automated.